MD 213 IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION

EXISTING SIGN

9

EXISTING SIGN TO BE REMOVED

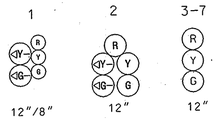
8

PROPOSED SIGN

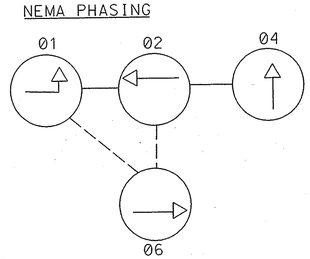
8

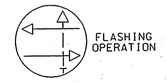
7'-6"x3'-6"
SEE GI SHEET FOR SIGNING DETAIL

PROPOSED LED SIGNAL HEADS



NEMA PHASING





GENERAL NOTES

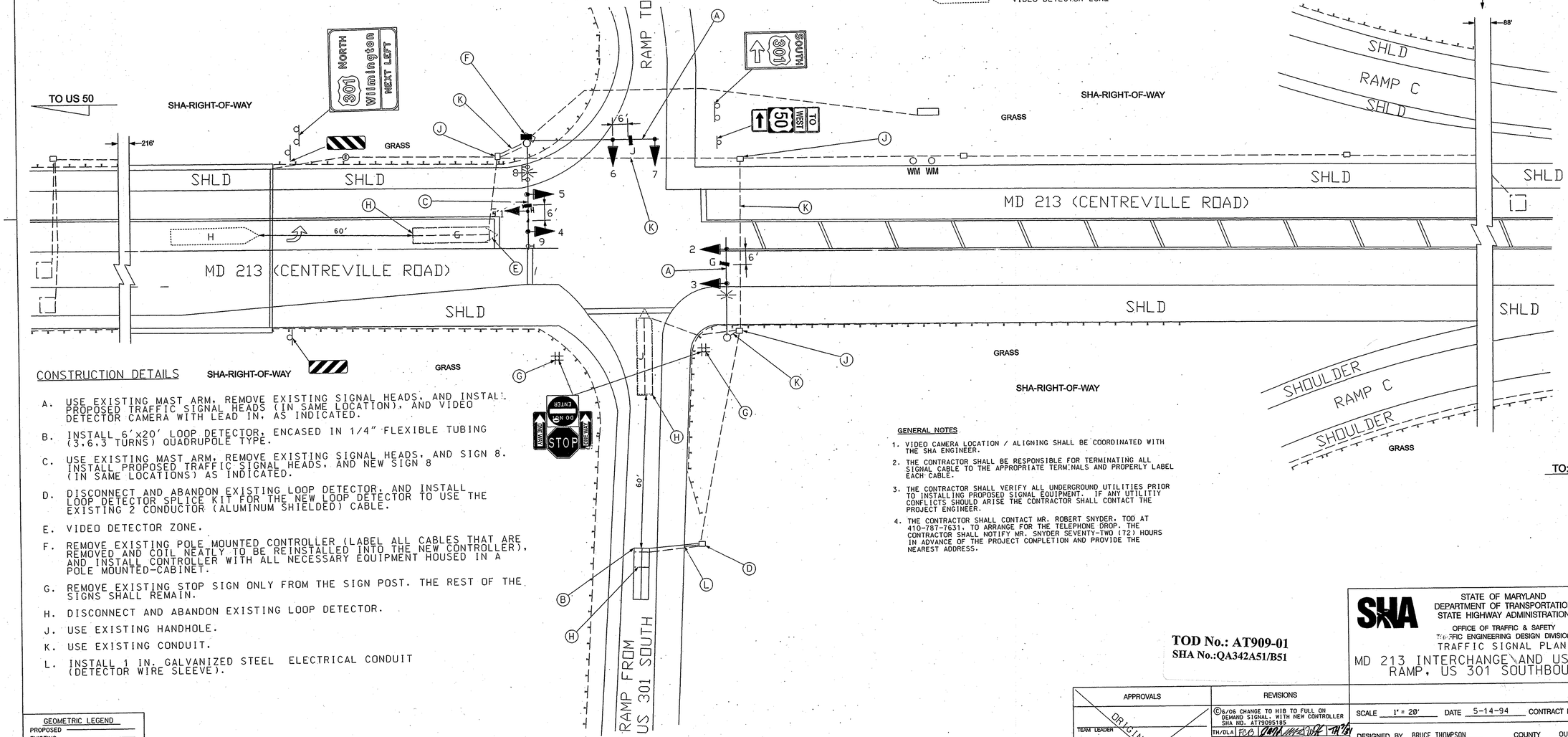
THIS SIGNAL WILL OPERATE AS AN ON DEMAND SIGNAL. NORMAL OPERATION IS FLASHING ONCE TRAFFIC CALLS THE QUEING LOOPS SIGNAL WILL OPERATE.

PROPOSED VIDEO DETECTION CAMERA

G,H,J VIDEO DETECTOR CAMERA

VIDEO DETECTOR ZONE

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. USE EXISTING MAST ARM, REMOVE EXISTING SIGNAL HEADS, AND INSTALL PROPOSED TRAFFIC SIGNAL HEADS (IN SAME LOCATION), AND VIDEO DETECTOR CAMERA WITH LEAD IN, AS INDICATED.

B. INSTALL 6'x20' LOOP DETECTOR, ENCASED IN 1/4" FLEXIBLE TUBING (3.6.3 TURNS) QUADRUPOLE TYPE.

C. USE EXISTING MAST ARM, REMOVE EXISTING SIGNAL HEADS, AND SIGN 8. INSTALL PROPOSED TRAFFIC SIGNAL HEADS, AND NEW SIGN 8 (IN SAME LOCATIONS) AS INDICATED.

D. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR, AND INSTALL LOOP DETECTOR SPLICE KIT FOR THE NEW LOOP DETECTOR TO USE THE EXISTING 2 CONDUCTOR (ALUMINUM SHIELDED) CABLE.

E. VIDEO DETECTOR ZONE.

F. REMOVE EXISTING POLE MOUNTED CONTROLLER (LABEL ALL CABLES THAT ARE REMOVED AND COIL NEATLY TO BE REINSTALLED INTO THE NEW CONTROLLER), AND INSTALL CONTROLLER WITH ALL NECESSARY EQUIPMENT HOUSED IN A POLE MOUNTED-CABINET.

G. REMOVE EXISTING STOP SIGN ONLY FROM THE SIGN POST. THE REST OF THE SIGNS SHALL REMAIN.

H. DISCONNECT AND ABANDON EXISTING LOOP DETECTOR.

J. USE EXISTING HANDHOLE.

K. USE EXISTING CONDUIT.

L. INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
3. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITIY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
4. THE CONTRACTOR SHALL CONTACT MR. ROBERT SNYDER, TOD AT 410-787-7631, TO ARRANGE FOR THE TELEPHONE DROP. THE CONTRACTOR SHALL NOTIFY MR. SNYDER SEVENTY-TWO (72) HOURS IN ADVANCE OF THE PROJECT COMPLETION AND PROVIDE THE NEAREST ADDRESS.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

BY: dandrews

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204
REVISION 'C' 25003.41

APPROVALS

TEAM LEADER — ORIGINAL ON FILE
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS

C 6/06 CHANGE TO H1B TO FULL ON DEMAND SIGNAL. WITH NEW CONTROLLER SHA NO. AT7995185 TH/DLA FOR
B 4/95 REVISED ELECTRICAL SERVICE Q 627-501-270 RCS | MR T | DJD | DAZ | ETP | TH
A 2795 CHANGED TO FULLY-TRAFFIC-ACTUATED SIGNAL. Q 627-501-270 RR2

TOD No.: AT909-01
SHA No.:QA342A51/B51

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN

MD 213 INTERCHANGE AND US 301 NORTH RAMP, US 301 SOUTHBOUND RAMP

SCALE 1" = 20' DATE 5-14-94 CONTRACT NO. 0-627-501-270

DESIGNED BY BRUCE THOMPSON
DRAWN BY BRUCE THOMPSON
CHECKED BY DENNIS DODA
FAP NO. N/A

COUNTY QUEEN ANNES
LOGMILE 17C 1305.32
TIMS NO. H552X
TOD NO. 3438C

TS NO. 3438C | DRAWING - OF | SHEET NO. 1 OF 2

PLOTTED: Monday, July 03, 2006 AT 10:00 AM
FILE: O:\TRANSDWG\25003\25003.41 MD 213 @ US 301 SB RAMP 7\mSG-P001_MD213@us301.dgn